

Regional West Medical Center, Scottsbluff, NE

Beckenhauer Construction, Inc. started work at Regional West Medical Center (RWMC) back in 2016. Since then we have completed 14 projects. A few more notable being the Infusion Center, The Sterilizer Project and the Cath Lab.

The hospital wanted to provide a new and improved Infusion Center that is patient and visitor friendly, so the new Infusion Center was constructed. It features privacy rooms for patients that would prefer that type of environment during their treatments and a communal area where patients can sit together to talk and be a part of a group while they are getting their treatments; both areas have seating for visitors.

This three-million-dollar project was designed and built in three months because of the hospital's request that it open by July. A medical records department was gutted to make more space. This particular Infusion Center has its own pharmacy because they are mixing chemotherapy medications there. They also have a sterile compounding room that is used for IVs and other non-hazardous medications.

We had to run Med gas from the ground floor to the 3rd level as this was the only floor that had Medical gas on it in this part of the building.

There was an existing dumb-waiter on this floor as it was no longer needed it was able to be removed. As we found out a little more on the dumb-waiter it is

actually considered an elevator by the state so it had to be decommissioned and taken out of service by an elevator company and close its status with the state elevator inspectors.

Despite the tight time frame, the project was finished on time, allowing the hospital to open on its goal date.

Superintendent Doug Michael said his favorite part of this project was all the subs pulling together to meet the deadline that was requested. They worked the hours necessary to accomplish each milestone, keeping their project on schedule. Meeting this short time frame is a prime example of the importance of pull planning. When we are able to reverse-engineer a project during the pull planning process, we are able to identify items that might cause delays. Also, in this way, everyone knows the order in which the subcontractors can work. Less time wasted means things get done faster. We are also better able to plan ahead to make changes that could affect the overall schedule.

The Sterilizer Project was one of the first projects that Beckenhauer Construction completed for RWMC. We completed the project within the time frame requested by the hospital, setting their expectation for the rest of the projects we will complete for them.

This project consisted of a room where they sterilize all of their surgical instruments. The main ma-



An open treatment area provides a community atmosphere.



Sliding doors provide privacy for those who prefer it.

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Regional West Medical Center, cont.

chine looks like a big commercial dryer but 10x that big and they put all of their surgical equipment into a paper towel-type material that doesn't release any fibers. Then after they place the bundle in the machine on a rack, they sterilize the equipment with steam to kill anything from the previous surgery. When they pull out the rack, the equipment is still hot and they have to cool it before it is ready for the next surgery.

At the time of completion, the project consisted of



Some of the sterilizer equipment.

two sterilizers, a boiler (steam generator with Reverse Osmosis water), and jetting equipment. During the construction process, the hospital staff was using the original sterilizer while the first new one was being installed. Then the crew put together the mechanical side for the second one and finally took the original

out of service to put the second machine in place.

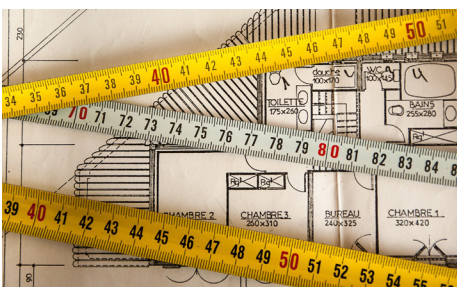
The equipment needed updated. As we were getting ready to turn the first new machine on, the existing sterilizer failed. So we overnighted a new pump to patch the original machine together until we could get our first new one installed.

The hospital staff hadn't been able to keep up with their demand with just one machine. They were having to run extra shifts to keep up, working all through the night. Now, with their new and expanded capabilities, they can stay caught up, saving the hospital money and time!

The Cath Lab also needed updated. The hospital board desired a new, updated Cath Lab to better serve the community with improved technology and imaging. We installed a brand new Cath Lab table with the latest features. It was a small room. To install the new table, we had to do all new ceiling mounted equipment (it had been run through the floor before) and the new table was turned 90 degrees from its existing location so all new electrical needed to be run to the table. All new ceiling mounted conduits from the computer room to the boxes run through the ceiling to support the table. The largest milestone in this project was completing the ceiling work. The original above ceiling area had to be completely gutted. A lot of that building (that room specifically) is concrete walls. This project required that the 30x30 room be gutted clear back to the concrete walls.

Handy Engineering Conversions

2000 pounds of Chinese soup? Won ton
Time between slipping on a peel
and smacking the pavement?
1 bananosecond
Half of a large intestine? 1 semicolon
1,000,000 aches? 1 megahurtz
453.6 graham crackers? 1 pound cake
1 million-million microphones?
1 megaphone
2000 mockingbirds? 2 kilomockingbirds
10 cards? 1 decacards



Think Green

Glass can be recycled again and again with no loss in quality or purity because it is 100% recyclable. Glass takes over one MILLION years to break down in a landfill.

Aluminum never wears out; it can be recycled forever. It takes 80-100 years for an aluminum can to break down in a landfill.

#1 plastics are recycled into textiles, car parts, new PET plastic bottles and thermoformed sheet products. It can take up to 700 years for plastic to break down in a landfill.

Did you know?

The average four year-old child asks over four hundred questions a day. Children grow faster in the springtime.



A sneeze can travel as fast as 100 miles per hour.

The only food cockroaches won't eat are cucumbers.

Elephants are the only discovered mammals that can't jump.

You burn more calories sleeping than you do watching T.V.

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Norfolk Country Club, Norfolk, NE

This project gives the country club a new, updated look to pass the 111-year history and legacy of excellence on to the next generation of members and their families.

The 10,159 SF of renovation included a new bar, locker rooms, banquet rooms, and dining areas.

Dean Uhlenberg, Project Manager, listed the new bar as his favorite feature. He said, "It is such a focal point of the new layout of the building. It is basically two bars in one, being able to serve both the Front Nine Dining and the Back Nine Dining/Relaxation area."

Uhlenberg listed the reopening of the newly renovated banquet rooms as the most important milestone of the project. When the project was started at the first of January, the Banquet Rooms were left open to pro-

vide dining and event space for club members. Those rooms were shut down for 6 weeks starting on March 4th and were reopened on April 12th. The club was able to use the rooms for the majority of the five-month renovation, allowing some availability for members.

Other milestones: completion of Remaining Interior Areas done in phases and sections, starting on April 17th and the last interior finishes being completed on June 6th. The Patio and Fire Pit were completed on June 24th and completion of the Main Parking Lot repairs and lighting were finished on June 27th.

During this renovation, there were two obstacles

There was a two-week delay during the Banquet Room remodels caused by the devastating March floods. During that period, out of town subcontractors and material were unable to get to the job site. We minimized this delay as best we could using Lean Construction concepts, including Daily Huddles and Last Planner to keep on-site crews working as efficiently as possible.

The second obstacle was the time frame



The Norfolk Area Chamber held a Ribbon Cutting for the newly renovated Country Club.



The new reception area creates a welcoming feel.



The new rectangular, granite bar creates extra space to serve customers.



New oak lockers are available in both locker rooms.

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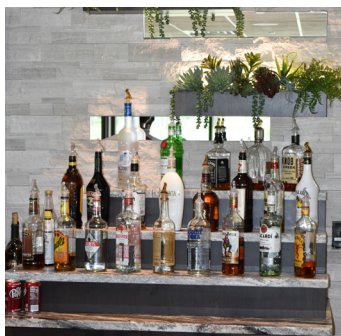
Associated General Contractors of America (AGC)

Sullivan Group



An electric fireplace provides a cozy atmosphere.

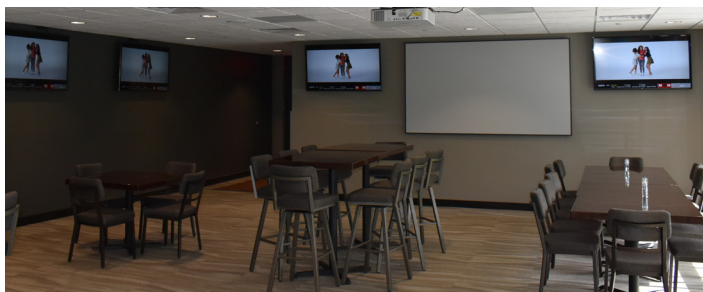
in which original casework would be delivered. It was scheduled for delivery at the end of April, including new walls for the bar. Based on this delivery date, Beckenhauer decided to build the bar walls on site with our own crews in late February. This foresight allowed plumbing and electrical rough-ins to be completed in those walls two months earlier, which sped up the completion of the bar by a couple of weeks!



Floating plant boxes are hung above the bar's liquor display.



Two coolers are available as wine lockers. Each locker is kept at a certain temperature to accommodate certain types of wine.



Although the screen pictured here is intended to watch games, there are presentation screens available in the Eagle Room and the Banquet Rooms.

Our Mission: To provide unparalleled service to our clients and to strive for superior performance and absolute reliability.

Our Vision: To focus our unwavering dedication to the task of turning our client's vision into a reality.

Our Value: To hold to the standards of safety, quality, reliability, honesty, and a caring Christian work environment.